

CLAIMS

1. A hydrofoil device, comprising:
a first foil;
a second foil; and
5 a support structure coupling said first foil and said second foil and including a steering structure;
wherein said steering structure includes separate first and second shaft sections that are moveably coupled to one another.
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2. The device of claim 1, further comprising a bias mechanism for biasing said first and second shaft sections into a first arrangement.
- 15 3. The device of claim 1, wherein said steering structure includes a handle and a point of moveable coupling of said first and second shaft sections occurs forward of said handle.
- 20 4. The device of claim 1, wherein said first and second shaft sections are coupled such that they are moveable with respect to one another in a first plane substantially in line with a direction of travel of the device and more rigid in a plane substantially
25 perpendicular to said first plane.
5. The device of claim 1, wherein said first and second shaft sections are moveable between a first position that facilitates diving of the second foil in a
30 manner which propels the device forward, and a second position that facilitates glide of the device near a water surface.

6. The device of claim 1, wherein the first foil is forwardly located and the second foil is rearwardly located.

5 7. A hydrofoil device, comprising:
a first foil;
a second foil; and
a support structure coupling said first foil and said second foil and including a steering structure;
10 wherein said steering structure includes a shaft having first and second shaft sections that are moveable with respect to one another in a first plane substantially in line with a direction of travel of the device and more rigid in a plane substantially perpendicular to said first
15 plane.

8. The device of claim 7, wherein said first and second shaft sections are separate components that are moveably coupled to one another.
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9. The device of claim 8, further comprising a bias mechanism for biasing said first and second shaft sections into a first arrangement.

25 10. The device of claim 7, wherein said steering structure includes a handle and a point relative movement of said first and second shaft sections occurs forward of said handle.

30 11. The device of claim 7, wherein said first and second shaft sections are moveable between a first position that facilitates diving of the second foil in a manner which propels the device forward, and a second

position that facilitates glide of the device near a water surface.

12. A hydrofoil device, comprising:

- 5 a first foil;
a second foil; and
a support structure coupling said first and second foils and including a steering structure having a handle;
wherein said first foil is coupled to said support
10 structure at a first pivot and said support structure includes a second pivot located between said first pivot and said handle.

13. The device of claim 12, wherein said steering
15 structure includes first and second shaft sections that are moveably coupled to one another at least in part through said second pivot.

14. The device of claim 12, further comprising a
20 bias mechanism coupled proximate said pivot.

15. The device of claim 13, wherein said first and second shaft sections are coupled such that they are moveable with respect to one another in a first plane
25 substantially in line with a direction of travel of the device and more rigid in a plane substantially perpendicular to said first plane.

16. The device of claim 13, wherein said first and
30 second shaft sections are moveable between a first position that facilitates diving of the second foil in a manner which propels the device forward, and a second

position that facilitates glide of the device near a water surface.

17. The device of claim 12, wherein the first foil
5 is forwardly located and the second foil is rearwardly
located.